

PATENT
Atty. Dkt. No. ROC920010189US1
MPS Ref. No.: IBMK10189

REMARKS

This is intended as a full and complete response to the Office Action dated April 27, 2005 having a shortened statutory period for response set to expire on July 27, 2005. Please reconsider the claims pending in the application for reasons discussed below.

Claims 1-15, 18-29 and 31-33 are pending in the application. Claims 1-15, 18-29 and 31-33 remain pending following entry of this response. Claims 1, 3, 11, 18, 21, 24, 27 and 31-33 have been amended. Applicants submit that the amendments do not introduce new matter.

Substance of Examiner Interview

The following is a summary of the substance of a telephonic interview conducted on July 25, 2005 with the Examiner and Applicant's representative (Randol Read). Elements present in the independent claims regarding the definition of pipelined operations and pipeline stalls were discussed. Applicant's representative submitted that the cited references, whether taken alone or in combination, fail to teach the elements discussed. Applicant's representative requested that the Examiner indicate where in the references such elements were taught. Unable and/or unwilling to indicate any such locations, the Examiner merely suggested Applicant's representative submit a formal response.

Claim Rejections - 35 U.S.C. § 112

Claims 21 and 27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. These claims have been amended accordingly and are now believed to be allowable, and allowance of these claims is respectfully requested.

Claim Rejections - 35 U.S.C. § 102

Claims 1-7, 10-14, 18-29, 31 and 32 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by *Jang et al* (US Pat 5,548,546, hereinafter *Jang I*). Claims 1-7,

Page 10

380971_1

PATENT

Atty. Dkt. No. ROC920010189US1
MPS Ref. No.: IBMK10189

10-14, 18-29, 31 and 32 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by *Jang et al* (US Pat 5,912,833, hereinafter *Jang II*).

Claims 1-7, 10-14, 18-29, 31 and 32 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by *Muramatsu et al* (US Pat 6,832,235, hereinafter *Muramatsu*).

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). "The identical invention must be shown in as complete detail as is contained in the ... claim." *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). The elements must be arranged as required by the claim. *In re Bond*, 910 F.2d 831, 15 USPQ2d 1566 (Fed. Cir. 1990).

In this case, neither *Jang I*, *Jang II*, nor *Muramatsu* discloses "each and every element as set forth in" independent claims 1, 11, 18, 21, 24, 27, 31, and 32. For example, neither *Jang I*, *Jang II*, nor *Muramatsu* discloses stalling a stage in a pipelined circuit by one or more clock cycles in response to a carry out signal to account for additional delay introduced by incrementing a second result when the carry out signal indicates a carry, as claimed. In fact, neither *Jang I*, *Jang II*, nor *Muramatsu* teaches stalling a stage in a pipelined circuit or make any reference to a pipelined circuit, for that matter. Therefore, neither *Jang I*, *Jang II*, nor *Muramatsu* anticipates these claims. It should be noted that the Examiner does not assert that either *Jang I*, *Jang II*, or *Muramatsu* teaches stalling a stage in a pipelined circuit, but seems to have ignored this claimed aspect in the Office Action.

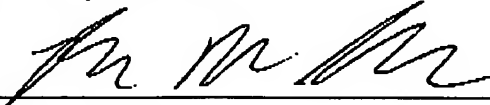
Accordingly, Applicant submits claims 1, 11, 18, 21, 24, 27, 31, and 32, as well as their dependents, are allowable and requests withdrawal of these rejections.

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MPS Ref. No.: IBMK10189

Conclusion

Having addressed all issues set out in the office action, Applicants respectfully submit that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,



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